Peak District National Park

Forecast valid from 00:00 on Friday 01 Jul 2022 until 23:59 on Saturday 02 Jul 2022

Forecast Issued on Thursday 30 Jun 2022 at 17:01

Confidence: High for overall unsettled theme. Moderate for shower/thunderstorm risk

Headline for Friday 01 Jul 2022: Another showery day with a risk of thunder

Mountain weather hazards on Friday 01 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Light rain showers	Light rain showers	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	30%	50%	30%	10%	10%

Forecast for Friday 01 Jul 2022

Weather: Patchy low cloud across the summits in the early hours of the morning, slowly lifting after dawn. Remaining cloudy through much of the morning with rain showers developing across the area. Showers may be heavy at times and there is a low risk of thunder. Some brief sunny spells are possible during the afternoon before showers ease by evening. Feeling cooler than yesterday.

Chance of cloud-free hill tops above 600m: 50% increasing to 90%.

Low cloud and visibility: Poor visibility with low cloud base 400-500m over summits at first, lifting above summits by mid-morning. Good visibility for the remainder of the day, however dropping quickly to moderate to poor in heavy showers, with cloud bases briefly lowering to summits.

Forecast for Friday 01 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 W	10/13 W	12/16 W	13/19 SW	15/22 SW	13/20 SW	14/20 SW	15/22 SW	18/26 SW
300	7/11 W	6/9 SW	8/11 SW	11/16 SW	12/19 SW	10/16 SW	10/15 SW	10/17 SW	13/21 S
Valley	6/11 W	4/9 W	5/10 SW	8/15 SW	10/18 W	8/15 SW	8/15 SW	7/17 SW	9/21 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	9/6	9/6	10/7	11/8	12/9	12/9	10/8	9/6
300	12/10	11/10	11/10	12/10	14/12	14/12	15/13	13/11	12/9
Valley	13/12	12/11	12/11	13/12	15/13	15/14	16/14	13/12	13/11
Freezing Level*	2100m	2000m	2000m	2000m	2100m	2100m	2000m	2100m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy showers may lead to quick deteriorations in visibility and slippery conditions underfoot. Strong sunshine is also possible in any prolonged cloud breaks, UV protection is advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 30 Jun 2022	0.4mm	6.6mm	6.6mm

Forecast for Saturday 02 Jul 2022

Weather: An unsettled day once again with prolonged rain during the morning and frequent heavy bursts. Strong winds persisting in to the afternoon with sunny spells and isolated showers. Feeling cooler than previous days but strong sunshine still likely. Very low risk of thunderstorms.

Maximum wind: West-south-westerly 15mph gusting 25mph.

Chance of cloud-free hill tops above 600m: 20% increasing to >95%

Low cloud and visibility: Poor visibility in heavy rain and widespread low cloud base 400-500m over summits in the morning, lifting clear of summits by late morning. Good visibility thereafter.

Temperature: **Valleys:** Plus 10 Celsius increasing to Plus 16 Celsius
At 600m: Plus 9 Celsius
Freezing level: Above summits.